

REMARKS

Applicants are submitting the present Supplemental Response to supplement the remarks presented in Applicants' response that was filed on August 7, 2007. Applicants respectfully request that the following remarks (Rejections under 35 U.S.C. §103, Section 4) be considered in addition to the remarks presented in the response filed August 7, 2007.

Rejections under 35 U.S.C. 103

4. Even if Combined, the Claims Distinguish Over Wariishi and Osuka

Even if one were to modify Wariishi in view of the teachings of Osuka, the present claims would distinguish over such a combination. As discussed above, Osuka states that linked porphyrin arrays may be useful an electrical wire (e.g., a conductive polymer). (Col. 1, lines 60-67). Indeed, the Office Action cites this passage of Osuka as purportedly being a reason that one of ordinary skill in the art would modify Wariishi's solar cell. However, if one were to modify Wariishi in this manner, the resulting device would be a solar cell (as in Wariishi) connected to a conductive linked porphyrin electrical wire (as in Osuka) for transferring electrical current from the solar cell. Wariishi's sensitizing dye would not be modified because Osuka provides no suggestion to do so.

By contrast, independent claims 1-4 recite, *inter alia*, a dye-sensitized photoelectric conversion device comprising [...] a sensitizing dye having an acidic group-containing porphyrin polymer expressed by general formulas 1-4, respectively. Neither Wariishi nor Osuka teaches or suggests such a sensitizing dye. Furthermore, even if Wariishi and Osuka were combined as suggested in the Office Action, the combination would not include a sensitizing dye having the claimed chemical composition. Therefore, independent claims 1-4 patentably distinguish over the combination of Wariishi and Osuka. Accordingly, Applicants respectfully request that these rejections be withdrawn.

Claims 5-12 each depend from one of claims 1-4, and are therefore patentable for at least the same reasons.

CONCLUSION

A Notice of Allowance is respectfully requested. The Examiner is requested to call the undersigned at the telephone number listed below if this communication does not place the case in condition for allowance.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 23/2825.

Dated: August 8, 2007

Respectfully submitted,

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